1	MENGTHVNGSANGFCIKDPLNWGVAAEALTGSHLDEVKKMVGEFRKPVVK	Sunflower
1	MENGNHVNGVVNELCIKDPLNWGVAAEALTGSHLDEVKKMVAEFRKPVVK	
51	LGGETLTVSQVAGISAAGDGNMVKVELSEAARAGVKASSDWVMESMNKGT	Sunflower
51	LGGETLTVSQVAGIAAANDSDTVKVELSEAARAGVKASSDWVMESMNKGT	
101	DSYGVTTGFGATSHRRTKNGGALQKELIRFLNAGIFGNGTESSHTLPHSA	Sunflower
101	DSYGVTTGFGATSHRRTK GGALQKELIRFLNAGIFGNGTET HTLPHSA	
151	TRAAMIVRINTLLQGYSGIRFEILEAITKFLNNITPCLPLRGTITASGD	Sunflower
151	TRAAMIVRINTLLQGYSGIRFEILEAITKFLN N TP LPLRGTITASGD	
201	LVPLSYIAGLLTGRPNSKAVGPAGEVLNAESAFAQAGVEGGFFELQPKEG	Sunflower
201	LVPLSYIAGLLTGR NSKAVGPTGEVLNAEKAFA AGVEGGFFELQPKEG	
251	LALVNGTAVGSGMASMVLFEANVLALLSEVLSAIFAEVMQGKPEFTDHLT	Sunflower
251	LALVNGTAVGSGMASMVLFDANVLALLSEVLSAIFAEVMQGKPEFTDHLT	
301	HKLKHHPGQIEAAAIMEYILDGSDYVKAAQKVHEMDPLQKPKQDRYALRT	Sunflower
301	HKLKHHPGQIEAAAIMEYILDGSDYVKAAQKVHEMDPLQKPKQDRYALRT	
351	SPQWLGPQIEVIRSATKMIEREINSVNDNPLIDVSRNKALHGGNFQGTPI	Sunflower
351	SPQWLGPQIEVIRSSTKMIEREINSVNDNPLIDVSRNKALHGGNFQGTPI	
401	GVSMDNTRLAIAAIGKVTIAQFSELVNDFYNNGLPSHLSGGRNPSLDSGF	Sunflower
401	GVSMDNTRLAIAAIGKLMFAQFSELVNDFYNNGLPSNLSGGRNPSLDYGF	
451	KGGEIAMASYCSELQFLANPVTNHVQSAEQHNQDVNSLGLISARKTAEAV	Sunflower
451	KGGEIAMASYCSELQFLANPVTNHVQSAEQHNQDVNSLGLISARKTAEAV	
501	DILKLMSSTYLVALCQSIDLRHLEENMKSTVKNTVSQVAKKVLTMGVNGE	Sunflower
501	DILKLMSSTYLVALCQSIDLRHLEENMKSTVKNTVSQVAKKVLTMGVNGE	
551	LHPSRFCEKDLLRVVDREYVFAYADDPCLTTYPLMQKLRQVLVDHALNNG	Sunflower
551	LHPSRFCEKDLLRVVDREYVFAYIDDVCSGTYPLMQKLRQVLVDHALNNG	
601	ETEKNANTSIFQKIATFEDELKAILPKEVESVRVAFENGTMSIPNRIKAC	Sunflower
601	ETEKNTNTSIFQKIATFEEELKVLLPKEVEGVRIAYENDTLSIPNRIKAC	
651	RSYPLYRFVREELGGA	Sunflower
651	RSYPLYRFVREELGRGFLTGEKVTSPGEEFDRVFTAMCKGQIIDPLLECL	
701	GGWNGEPLPIC	

Figure 4